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Attachment to L-4327

14 March 1968

Page 1

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REFERENCE TO:

TALL KING-AIR WARNING RADAR FACILITY
SANTA CRUZ DEL NORTE, CUBA

1. SIGNIFICANCE:

FIRST IDENTIFICATION OF A TALL KING-AIR WARNING RADAR FACILITY OUTSIDE THE SOVIET UNION AND ITS EAST EUROPEAN SATELLITES.

2. LOCATION:

3.8 NM SW OF SANTA CRUZ DEL NORTE AT 23-08-03N 081-58-13W (UTM 17QMR007585).

3. REMARKS:

THE EARLIEST REPORT OF THE EXISTENCE OF THE TALL KING RADAR WAS IN 1959. SINCE THEN, MORE THAN 300 HAVE BEEN IDENTIFIED AT VARIOUS LOCATIONS IN THE SOVIET UNION AND EAST EUROPEAN SATELLITES.

4. COLLATERAL:

THE TALL KING RADAR IS A SOVIET AIR DEFENSE RADAR. ITS PRIMARY ROLE IS TO PROVIDE EXTENDED-RANGE, EARLY WARNING DETECTION AND TRACKING AGAINST HIGH-ALTITUDE

Declassification Review by NGA

These notes have been prepared for briefing purposes only and should not be used for detailed analytical work. Their use should be restricted to the particular briefing board(s) they were prepared for and must be considered valid only for the reporting period as indicated by the date of issue. For information concerning these notes contact Chief, Collateral Support Division, NPIC.

GROUP 1
Excluded from automatic
downgrading and declassification

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AERODYNAMIC VEHICLES. IT IS BELIEVED TO
HAVE BEEN DEVELOPED BY THE SOVIETS TO
COUNTER THE U-2 THREAT. THE TALL KING
ANTENNA REFLECTOR

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THE SLOW ROTATION RATE AND THE INABILITY
TO TILT THE ANTENNA ARE LIMITING FACTORS
IN TRACKING SATELLITES; BUT TALL KING MAY
HAVE A LIMITED CAPABILITY FOR DETECTION AND
TRACKING SATELLITES WHOSE PERIODS AND OR-
BITS HAVE BEEN ESTABLISHED.

THE SCORE BOARD RADAR IS AN IFF RADAR
FREQUENTLY OBSERVED IN CONJUNCTION WITH
DEPLOYED TALL KING RADARS.

(FTD T62-0035, 1962, SECRET)

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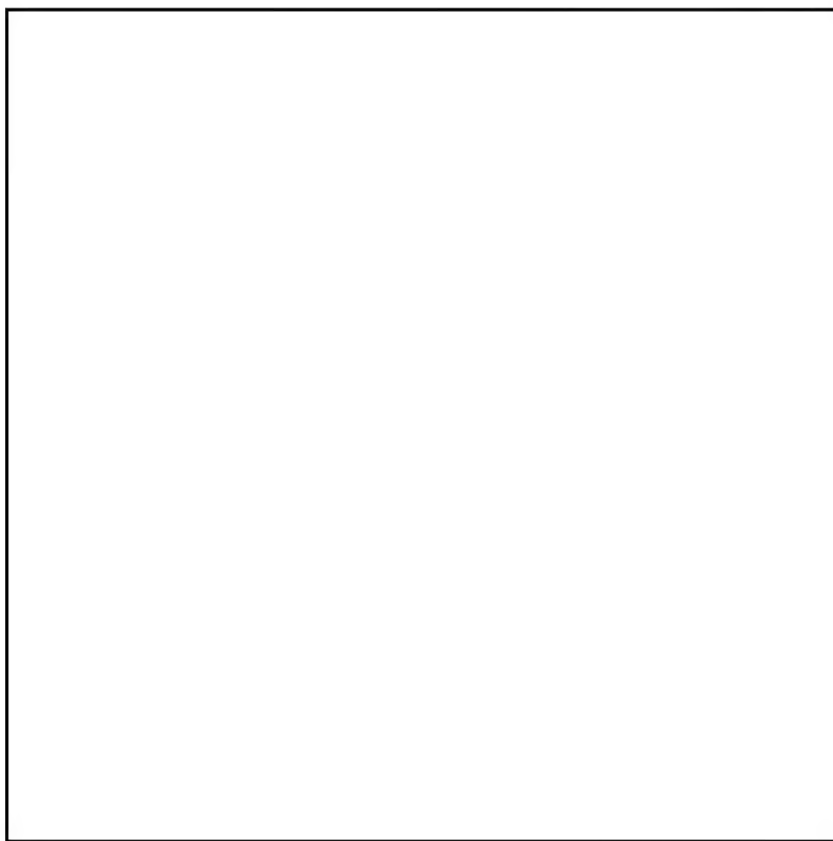
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5. FIRST IDENTIFICATION:

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6. NEGATION DATE:

7. SUBSEQUENT COVERAGE:

NONE.

8. MISSION READOUT:

REVEALS A

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NEWLY IDENTIFIED TALL KING-AIR WARNING RADAR FACILITY UNDER CONSTRUCTION

3.8 NM SW OF SANTA CRUZ DEL NORTE COMPLEX AND 2.3 NM WSW OF THE EXISTING

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SANTA CRUZ DEL NORTE AIR WARNING FACILITY AT 23-08-42N 081-55-54W

THE FENCE SECURED FACILITY INCLUDES AN ANTENNA BUILDING, A SUPPORT BUILDING AND TWO GENERATOR BUILDINGS. THREE ADDITIONAL PROBABLE SUPPORT/BARRACKS TYPE BUILDINGS ARE ALSO SITUATED WITHIN THE FENCED AREA. THE TALL KING ANTENNA HAS NOT BEEN ERECTED AS OF THIS COVERAGE AND NO ANTENNA ELEMENTS ARE OBSERVED IN THE IMMEDIATE AREA. A SCORE BOARD RADAR IS OBSERVED ADJACENT TO THE ANTENNA BUILDING.

REVEALS THE INSTALLATION AS IT APPEARED
ON THERE IS NO SIGNIFICANT CHANGE OBSERVED IN FACILITIES
BETWEEN THE TIME OF THIS PHOTOGRAPHY AND MISSION

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COLLATERAL PHOTO REFERENCE:

DOD IR 1 215 0153/65/SECRET

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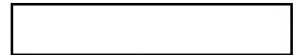
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Approved For Release 2006/03/16 : CIA-RDP76-00849A001200040009-8

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TALL KING-AIR WARNING RADAR FACILITY
SANTA CRUZ DEL NORTE, CUBA
23-08N 81-58W



COLLATERAL PHOTOGRAPHY

TALL KING

SUPPORT BLDG

ANTENNA BLDG

GENERATOR BLDGS

10X

5X ENLARGEMENT
NPIC L-4927 (3/68)

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